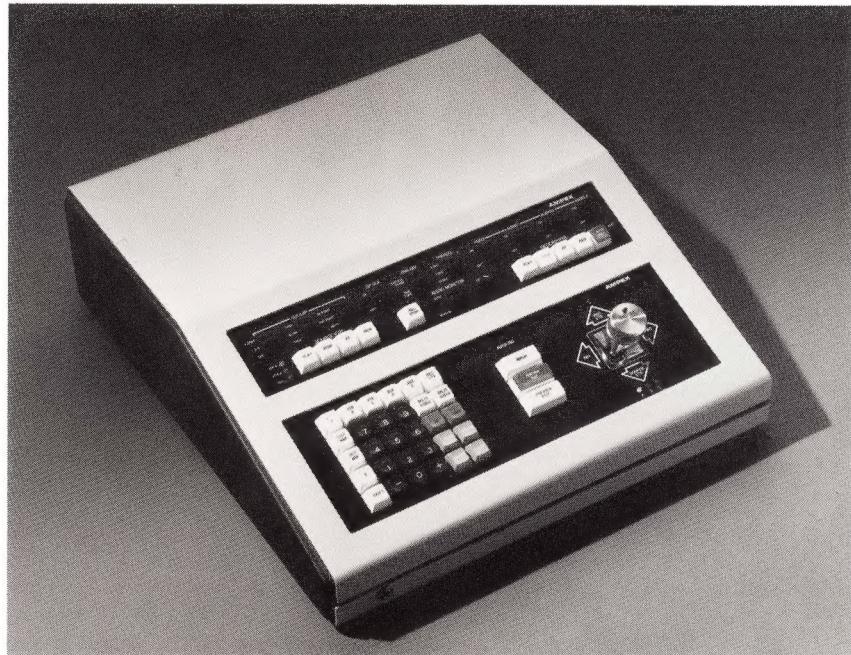


**AMPEX**

## The HPE-1CN Helical Production Editor



A powerful, cost-effective "cuts only" system for fast, news-type editing.

### HPE-1CN Features

- Designed for use with  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" VTRs
- Interface with one record and three playback machines
- Field upgradeable to a full HPE-1C configuration
- Accommodates any standard HPE series machine interface, in any mix, including the Ampex ARC-40 interface
- A highly cost-effective addition to the HPE family
- Compatible with all existing HPE-1C accessories

The Ampex HPE-1CN is a fast, versatile editor designed to work with mixed VTR formats at a reasonable

price. You can edit from  $\frac{1}{2}$ " or  $\frac{3}{4}$ " and master directly to 1" for air play. HPE-1CN is a "cuts only" video news editing system that represents another addition to the growing Ampex HPE family line.

HPE-1CN is physically identical to the HPE-1C helical production editor, and it is versatile enough to interface with up to four machines. This newest member of the HPE family of editors works with  $\frac{1}{2}$ ",  $\frac{3}{4}$ " and 1" VTRs, and it accommodates any of the standard HPE series machine interfaces in any mix (including the ARC-40 interface). The low-cost HPE-1CN can integrate Ampex C-format, M-format and Sony VTRs into the same editing system.

HPE-1CN is fully upgradeable in the field to a full HPE-1C configuration, if future editing requirements demand it. Existing HPE-1 series accessories — including SMPTE time code reader system and edit lister — can be used with this editor.

# HPE-1CN Specifications

## Electrical

Power Consumption: 100 watts maximum

Operation Temperature Range:  $25^{\circ} \pm 15^{\circ}\text{C}$

Editing Accuracy:  $\pm$  one frame in control track,  
 $\pm$  zero frames in time code

Search Speed: Variable depending on VTR make  
and model

Inputs: AC power 115/230V  $\pm$  10% 50/60 Hz

Television Standards: NTSC, PAL

Headphone Output: 3 watts into 4 ohms (nominal)

## Mechanical

Depth:  $18\frac{1}{2}$ " (47 cm)

Width: 17" (43.2 cm)

Height:  $5\frac{1}{2}$ " (14 cm)

Weight: 40 lbs. (18.6 kg)

## Operational

Included in the standard HPE-1CN series packages  
is an editing system, Status Display Generator,  
extender board, and one operation and main-  
tenance manual.

Microprocessor: Motorola 6802

Connectors:

Power connector: 3 pin grounding

Video connector: BNC

Audio monitoring: Phono

Headphone:  $\frac{1}{4}$ " jack

Maximum Number VTRs: Four (three source,  
one record)

Auxiliary Inputs: Two

Reaction time: Operator adjustable 0-9 frames

Preroll times: Programmable: 1-99 seconds.

**Ampex reserves the right to make product and  
specification changes at any time without notice.**

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